

CONFIDENTIAL

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NPIC/P&DS/D/6-1416
10 June 1966

MEMORANDUM FOR: Assistant for Plans and Development, P&DS

SUBJECT: [] Proposal

REFERENCE: Correspondence dated 21 April 1966 from [] 25X1A

1. In the referenced correspondence, [] proposes to investigate, at no cost to the Government, the possibility of incorporating an orbiting (dithering) screen in a rear-projection viewer supplied by NPIC. 25X1A

2. The principle of screen dithering has been shown by various experimenters to be a valid approach to image enhancement, but only under certain circumstances. (Grain-limited viewing is the primary consideration.) Given an appropriately degraded viewing situation, the mechanical problems of orbiting a large screen are paramount. These difficulties are what [] would hope to overcome. 25X1A

3. Before the implementation of a new dithering technique is undertaken, a thorough study must be made to define the circumstances of potential deployment and the magnitude of expected improvement. It is therefore considered inappropriate at this time to comply with [] request for government furnished equipment. 25X1A

4. Should [] desire to pursue this matter further, it is recommended that they be supplied only with the specifications and the sources of the screen materials most prevalent in NPIC components. 25X1A

5. Upon the receipt of more conclusive evidence to support some specific merits of dithering, as well as a unique mechanical or electrical approach, DB would reconsider [] request. 25X1A

DECLASS REVIEW by NIMA/DOD

[]
Development Branch, P&DS 25X1A

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